



Assessment of Data Collection, Reporting, and Analysis Capacity (ARC) Tool Guidance

April 2021



Assessment of Data Collection, Reporting, and Analysis Capacity (ARC) Tool Guidance

Background

The ARC tool is part of the tuberculosis (TB) data monitoring efforts. It will assist countries with mapping the readiness and capacity of their current TB monitoring and evaluation (M&E) and surveillance system in collecting, reporting, analyzing, and using the various data elements necessary to improve the TB situation in their country.

The tool is based on the Performance-Based Monitoring and Evaluation framework (PBMEF). This framework contains standardized indicators that measure TB program outputs and outcomes, which can then be organized into treatment cascades and patient pathways to help decision-makers identify how the TB programs are working and where they need to direct resources. The tool is based on the indicator categories in the PBMEF. This is a critical first step in developing a comprehensive landscape analysis of a country's TB M&E and surveillance system.

The ARC tool is designed to be used by USAID Missions and national TB programs (NTPs) to systematically review the collected information against the key indicators in the PBMEF and identify the strengths and gaps in the surveillance system.

This document is intended to guide you through the process of completing the ARC tool.

Completing the ARC Tool

The ARC tool should be completed by each Mission together with staff from the NTP, such as the NTP director, M&E officer, and TB prevention officer, if available. To facilitate discussion and consensus on the responses, you can download the PDF version of the ARC tool using this link: https://hub.tbdiiah.org/sites/default/files/2021-03/arc_tool_guide.pdf

With the NTP staff and other relevant experts, use the PDF to review and decide on appropriate responses to the questions in the ARC tool. Completing the entire data entry in the web form will take about two to three hours, depending on the depth of the discussions required.

Accessing Your Country Data

To begin, use this link (<https://hub.tbdiah.org/user>) to log in using the username and password you were given.

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Log in

Username *

Nigeria Mission

Enter your TB-DIAH Data Hub username.

Password *

.....

Enter the password that accompanies your username.

Log in

You will be able access your respective country page in the hub. Click on the link to manage your country's data.

Nigeria Mission

View Edit

My Countries

Nigeria
Click here to view and manage Nigeria's data.

The Data Collection And Assessment Tool For TB Prevention (2021)

To get started, download the User Guide in [Word](#) (DOCX, 205 KB) or [Excel](#) (XLSX, 174 KB). This file is intended as a reference to help you gather the required data and information you will need to fill out the data entry form below.

Complete the data entry form


Filling in the ARC Tool

You will see the link to the ARC tool. Click the link to begin filling in the form.

Nigeria

TB Prevention Profiles



The TB Prevention Profiles focus on the screening of individuals for TB in settings that are outside of the health facility, the provision of TB preventive treatment to at risk populations, and investigation of close contacts of identified TB cases. Each prevention effort is assessed on three key domains: policy and governance, implementation coverage, and data collection and reporting processes.

 [Nigeria Prevention Profile \(2020\)](#) (PDF, 207.39 KB)

Assessment of Data Collection, Reporting, and Analysis Capacity (ARC)

[Complete the ARC tool here](#)

The Data Collection And Assessment Tool For TB Prevention (2021)

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The form will automatically save your progress. If you need to consult with colleagues to complete it, you can pause your entry by clicking “Save Draft.” This allows you to close the window and return to the form at a later time.

Assessment of Data Collection, Reporting, and Analysis Capacity (ARC) - Nigeria

View **Results**

Thank you in advance for completing this form. The form is organized into 16 sections. You **must mark each section complete** at the end of the section before the form can be submitted; however, the form will save your progress automatically, and you can return to this form at a later date. To navigate the form, you can click the links on the right-hand side to jump down to a section. Otherwise, scroll down in the section below. You can see where you are based on the highlighted menu item on the right. Please note that the questions have alphanumeric tags. These are only there for programming purposes and easy referral; they have no real meaning or significance.

Drug-susceptible (DS-TB)

[Save Draft](#) [Submit Form](#)

Use the navigation on the right-hand side labeled “Index” to track what you have completed and, if you need to leave the website, to pick up where you left off.

As shown in the index, the questions are organized by technical area to determine whether data related to the PBMEF, which is captured at the health facilities providing TB services, are being collected by the NTP, other departments of the ministry of health, or non-NTP or private providers. These technical areas include questions on drug-susceptible TB (DS-TB), drug-resistant TB (DR-TB), childhood TB, contact investigations, lab services, and more.

Drug-susceptible (DS-TB)

Save Draft Submit Form

Index

- Drug-susceptible (DS) TB
- Drug-resistant (DR) TB
- Childhood DS-TB
- Childhood DR-TB
- TB Screening
- Presumptive TB
- Contacts
- TB preventive treatment (TPT)
- TB-HIV
- TB Lab
- TB drugs and diagnostic supplies
- Private sector TB reporting
- TB among Health Workers (HMW)

ds.1. Click the boxes below if any TB treatment units (e.g. basic management units or specialized units for TB management) record data on:

- ds.1.1a. New and relapse TB cases and cases with unknown previous TB treatment history (all forms)
- ds.1.1b. New and relapse TB cases (bacteriologically confirmed or clinically diagnosed, pulmonary or extrapulmonary) TB cases
- ds.1.2. New and relapse TB cases in the Basic Management Units with data on referrals by community health workers
- ds.1.3. New and relapse TB cases referred by community health workers / community volunteers to the Basic Management Units with data on referrals by community health workers
- ds.1.4. TB patients (all forms) who receive any social or economic benefits during the first month of treatment
- ds.1.5. Extrapulmonary TB (new and relapse) bacteriologically confirmed
- ds.1.6. Extrapulmonary TB (new and relapse) clinically diagnosed
- ds.1.8. New and relapse bacteriologically confirmed pulmonary TB cases (smear positive)

There are two types of questions. One includes a drop-down menu for selecting the appropriate response.

ds.2. Does the country record DS-TB data disaggregated by sex?

✓ - Select

Yes

No

The other type of question only requires you to tick the checkbox if the corresponding data is collected somewhere in the country.

ds.1. Click the boxes below if any TB treatment units (e.g. basic management units or specialized units for TB management) record data on:

- ds.1.1a. New and relapse TB cases and cases with unknown previous TB treatment history (all forms)
- ds.1.1b. New and relapse TB cases (bacteriologically confirmed or clinically diagnosed, pulmonary or extrapulmonary) TB cases
- ds.1.2. New and relapse TB cases in the Basic Management Units with data on referrals by community health workers
- ds.1.3. New and relapse TB cases referred by community health workers / community volunteers to the Basic Management Units with data on referrals by community health workers

As you are filling out the questionnaire, a dynamic box will show the percentage of the data elements corresponding to that particular section of the PBMEF that is collected in your country.

- ds.1.12. TB cases (new and relapse), all forms, who were Loss to Follow-Up (LTFU)
- ds.1.13. TB cases (new and relapse), all forms, who were not evaluated
- ds.1.14. TB cases (new and relapse), all forms, whose treatment failed

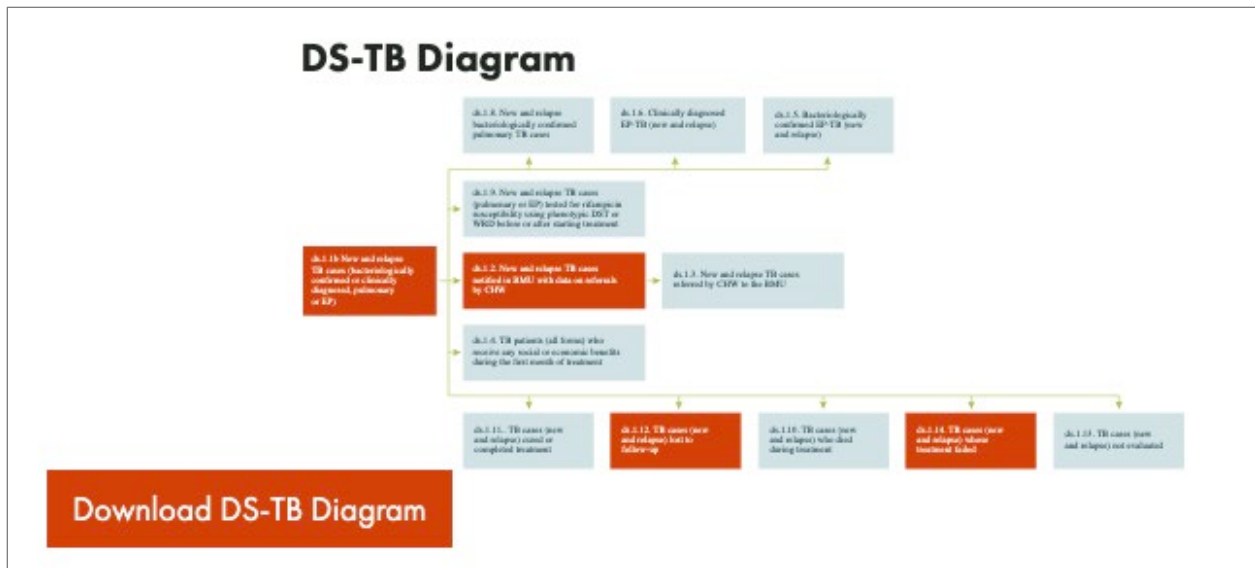
Proportion of PBMEF data elements recorded

36%

Here are some tips for filling out the form:

- The tab function moves you from one question to another.
- The space bar makes a checkmark in any box.
- The scrollbar shows you the rest of the content in each section.
- The arrow keys move the cursor up and down the dropdown box to select the appropriate response.

As you complete each section, a data diagram will show which data elements are collected, which are not, and how they are related. Those that are collected are highlighted in red. The lighter data element boxes represent the checkboxes that were not ticked.



Once you have completed a section, make sure you click on the “I have completed this section” checkbox at the bottom.

The screenshot shows a form section with a light orange background. At the top, there is a checkbox with a blue checkmark and the text "I have completed this section*". Below this, a smaller line of text reads "Check this box if you have added all available information for this section."

After you have responded to a section and clicked the “I have completed this section” checkbox, a tick mark will appear next to the name of the section in the list to indicate it is complete.

The screenshot shows a navigation menu with two buttons at the top: "Save Draft" and "Submit Form". Below the buttons is the word "Index" in bold. Underneath, there is a list of menu items:

- Drug-susceptible (DS) TB
- Drug-resistant (DR) TB
- Childhood DS-TB

The first item, "Drug-susceptible (DS) TB", is circled in red, indicating it is the selected section.

If you need to pause at any time and would like to save your work, scroll up and click on the “Save Draft” button. Now you may safely log out. Your work will be saved and you can re-access the tool when you log in again on your respective country page.

Drug-resistant TB (DR-TB)

dr.1. Click the boxes below if any TB treatment units (e.g. basic management units or specialized units for DR-TB management) record data on DR-TB (RR/MDR and XDR) cases?

- Select -

dr.2. Does the country record any DR-TB data disaggregated by sex?

Not Applicable

Save Draft **Submit Form**

Index

- Drug-susceptible (DS) TB
- Drug-resistant (DR) TB**
- Childhood DS-TB
- Childhood DR-TB
- TB Screening
- Presumptive TB

Once you have completed the entire tool, click on the “Submit Form” button.

Drug-resistant TB (DR-TB)

dr.1. Click the boxes below if any TB treatment units (e.g. basic management units or specialized units for DR-TB management) record data on DR-TB (RR/MDR and XDR) cases?

- Select -

Save Draft **Submit Form**

Index

- Drug-susceptible (DS) TB
- Drug-resistant (DR) TB**
- Childhood DS-TB
- Childhood DR-TB

This will automatically take you to the report page where you can download the ARC Tool Summary Table and Data Diagrams for reference. You will see a message at the top of this page that says, “Thank you! Your submission has been received.”

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Thank you! Your submission has been received.

ARC Tool Summary Table

Generate PDF

After Completing the ARC Tool

Any time after you have completed your form, you may return to the Report page from your country page by clicking on the “View Report” button at the same location as the original link to the ARC tool.



Nigeria

TB Prevention Profiles

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Assessment of Data Collection, Reporting, and Analysis Capacity (ARC)

Complete the ARC tool here

View Report

Please be sure to log out after you have submitted your form. To log out, click on the “My Account” link in the main website navigation, then click “Log Out.”



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For questions or help completing the ARC tool, please contact tb_diah@jsi.com.

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